

Converting Colors

$Yxy(39.1597, 0.3035, 0.3647)$

Have a look what the booklet for
Yxy(39.1597, 0.3035, 0.3647)
contains.

Yxy(39.1573, 0.3033, 0.3652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.1573, 0.3033, 0.3652)

Conversions

Conversions Part 1

Format	Color
Hex	8FB098
RGB	143, 176, 152
RGB Percent	56%, 69%, 60%
CMY	0.4392, 0.3098, 0.4040
CMYK	0.19, 0.00, 0.14, 0.31
HSL	136°, 17%, 63%
HSV	136°, 19%, 69%
XYZ	32.5203, 39.1573, 35.5439
YIQ	163.3970, -11.9640, -14.4600

Conversions

Conversions Part 2

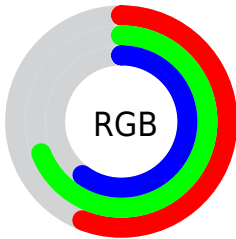
Format	Color
RYB	143, 169, 176
Decimal	9416856
CIELab	68.87, -16.09, 8.61
CIELCh	69, 18.246, 151.846
Yxy	39.1573, 0.3033, 0.3652
Android (android.graphics.Color)	4287606936 (0xFF8FB098)
YUV	163.3970, -5.6187, -17.8882
Hunter-Lab	62.5758, -16.7422, 10.1255

Details

The Yxy color **39.1573, 0.3033, 0.3652** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.6683, 0.3237, 0.2953**, and the grayscale version is **36.8555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0398, 0.3053, 0.3587**, and **17.3808, 0.2999, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **37.3120, 0.2985, 0.3878**, and if you desaturate by 10%, it is **41.2977, 0.3083, 0.3449**.

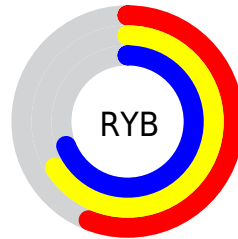
Distribution



Red (56%)

Green (69%)

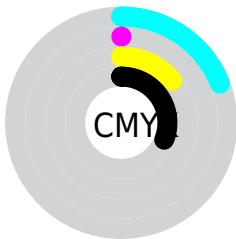
Blue (60%)



Red (56%)

Yellow (66%)

Blue (69%)

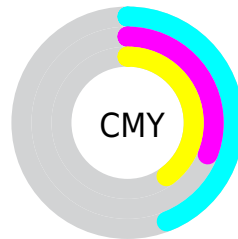


Cyan (19%)

Magenta (0%)

Yellow (14%)

Black (31%)



Cyan (44%)


Magenta (31%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1573, 0.3033, 0.3652 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 39.1573, 0.3033, 0.3652 by changing the saturation by 10% instead.


 39.1573, 0.3033,
0.3652


 39.1573, 0.3033,
0.3652

342.5588, 0.3084,
0.3461

 26.8821, 0.3019,
0.3703


 73.8786, 0.3052,
0.3580

 17.4847, 0.3000,
0.3771


 97.0934, 0.3059,
0.3554

 10.5807, 0.2974,
0.3865


124.7236, 0.3065,
0.3532

 5.7856, 0.2934,
0.4005

157.1536, 0.3070,
0.3514

 2.7152, 0.2866,
0.4235

194.7677, 0.3074,
0.3498

 0.9849, 0.2712,
0.4945

237.9503, 0.3078,

 0.0000, 0.0000,

0.3484

0.0000

287.0859, 0.3081,
0.3472

■ 39.1573, 0.3033,
0.3652

■ 39.1573, 0.3033,
0.3652

■ 37.3120, 0.2985,
0.3878

■ 41.2977, 0.3083,
0.3449

■ 35.7440, 0.2940,
0.4126

■ 43.7403, 0.3133,
0.3269

■ 34.4410, 0.2903,
0.4390

■ 46.4981, 0.3183,
0.3110

■ 33.3879, 0.2875,
0.4665

■ 49.5820, 0.3230,
0.2972

■ 32.5680, 0.2860,
0.4939

■ 53.0023, 0.3275,
0.2851

■ 31.9627, 0.2860,
0.5200

■ 56.7687, 0.3318,
0.2746

■ 31.5501, 0.2875,
0.5435

■ 58.7024, 0.3267,
0.2636

■ 31.2924, 0.2901,
0.5632

■ 59.4979, 0.3167,
0.2522

■ 31.2648, 0.2904,
0.5654

■ 59.5321, 0.3163,
0.2517

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



39.1573, 0.3304, 0.3766



39.1573, 0.3033, 0.3652



39.1573, 0.2795, 0.3428

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



39.1573, 0.3033, 0.3652



39.1573, 0.2726, 0.2854



39.1573, 0.3632, 0.3374

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



39.1573, 0.3033, 0.3652



31.6683, 0.3237, 0.2953

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



39.1573, 0.3463, 0.3149



39.1573, 0.3033, 0.3652



39.1573, 0.2935, 0.2857

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



39.1573, 0.3033, 0.3652



39.1573, 0.2623, 0.2964



39.1573, 0.3205, 0.2964



39.1573, 0.3657, 0.3588

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.1573, 0.3033, 0.3652



39.1573, 0.2684, 0.3255



39.1573, 0.3205, 0.2964



39.1573, 0.3590, 0.3297

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



39.1590, 0.3033, 0.3652



76.0132, 0.3096, 0.3399



41.2733, 0.3322, 0.3760



16.4149, 0.3093, 0.3411



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.1590, 0.3033, 0.3652



69.7398, 0.3015, 0.3732



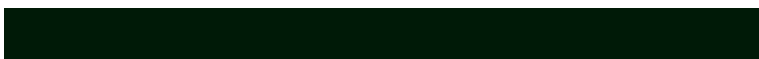
39.7309, 0.2908, 0.3403



9.5268, 0.3080, 0.3460



22.9471, 0.2899, 0.5636



0.7320, 0.2737, 0.5055

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



31.6683, 0.3237, 0.2953



53.9299, 0.3262, 0.2886



31.1022, 0.3404, 0.3180



8.6065, 0.3178, 0.3126



7.9279, 0.4028, 0.1993



0.2586, 0.3753, 0.1841

Previews

White Background



This preview shows how the Yxy color 39.1573, 0.3033, 0.3652 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.1573, 0.3033, 0.3652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1573, 0.3033, 0.3652

Background



This preview shows how black text looks on a background with the Yxy color 39.1573, 0.3033, 0.3652.



This preview shows how white text looks on a background with the Yxy color 39.1573, 0.3033, 0.3652.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

39.1573, 0.3033, 0.3652

Protanopia

38.8580, 0.3379, 0.3572

Deuteranopia

39.0260, 0.3454, 0.3385



Tritanopia

39.0182, 0.2828, 0.3090

Trichromacy



Original Color

39.1573, 0.3033, 0.3652

Protanomaly

38.7059, 0.3242, 0.3595

Deuteranomaly

38.7412, 0.3288, 0.3474

Tritanomaly

39.1073, 0.2903, 0.3289

Monochromacy



Original Color

39.1573, 0.3033, 0.3652

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.5764, 0.3094, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1573, 0.3033, 0.3652 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 176, 152)` looks like.

```
.text, #text, p{  
    color:rgb(143, 176, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 176, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 176, 152) }
```

Border

The CSS property to change the border of an element to Yxy 39.1573, 0.3033, 0.3652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 176, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 176, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 176, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 176, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 176, 152);  
box-shadow:4px 4px 4px 4px rgb(143, 176,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1573, 0.3033, 0.3652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 176, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
176, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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